(19) World Intellectual Property Organization

International Bureau





(10) International Publication Number

Icaraí, 237/1301-B, CEP-24230-003 Icaraí-Niterói, RJ

PCT

English

(43) International Publication Date 11 August 2005 (11.08.2005)

(51) International Patent Classification: *E02B 9/08* (2006.01) *F03B 13/12* (2006.01)

(21) International Application Number:

PCT/BR2005/000012

(22) International Filing Date: 28 January 2005 (28.01.2005)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data:

PI0402375-7 30 January 2004 (30.01.2004) BF

- (71) Applicant (for all designated States except US):

 COPPE/UFRJ COORDENAÇÃO DOS PROGRAMAS DE PÓS GRADUAÇÃO DE ENGENHARIA
 DA UNIVERSIDADE FEDERAL DO RIO DE
 JANEIRO [BR/BR]; Centro de Tecnologia, S/N°Bloco G,
 CEP-21945-970 Ilha do Fundão, RJ (BR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ESTEFEN, Segen Farid [BR/BR]; Rua Filadélfia, 8, Santa Tereza, CEP-22261-001 Rio de Janeiro-RJ (BR). DA COSTA, Paulo Roberto [BR/BR]; Rua Viaduto Cristóvão Colombo, 159, Bloco 5 apto 301, CEP-20771-070 Pilares-RJ (BR). PINHEIRO, Marcelo Martins; Rua Professora Zuleica, 266, Ilha da Conceição, CEP-21941-984 Niterói- RJ (BR).

- WO 2005/072044 A3

 (74) Agent: DE CASTRO, Joubert Gonçalves; Praia de
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG).

Published:

(BR).

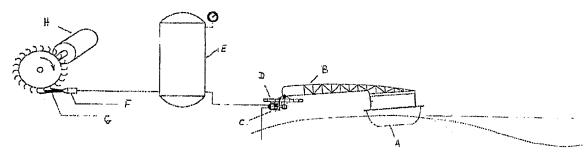
ZA, ZM, ZW.

with international search report

(88) Date of publication of the international search report: 26 May 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WAVE ENERGY PLANT FOR ELECTRICITY GENERATION



(57) Abstract: The invention herein proposed describes a plant operated by the movement of floaters (A) connected to horizontal arms (B). These arms (B) move hydraulic pumps (C), which inject water into the hyperbaric chamber (E). This chamber (E) supplies water through an outflow control valve, to set in motion a conventional turbine (G) that connected to electric generator supplies electricity.

NO 2005/072044 A3 III